

#4

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

PU-0124

In Re Application Of: **CR. Palmgren, et al.**

JUL 20 2001

Serial No.

09/863,786

Filing Date

May 23, 2001

Examiner

To be assigned

Group Art Unit

To be assigned

Title: **Peptide Fragmentation**

Address to:

Assistant Commissioner for Patents

Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
 2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

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PU-0124

In Re Application Of: **R. Palmgren, et al.**

Serial No.
09/863,786

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Group Art Unit
To be assigned

Title: **Peptide Fragmentation**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

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I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)

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Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on July 18, 2001 _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Melissa Leck

Typed or Printed Name of Person Mailing Correspondence

*This certificate may only be used if paying by deposit account.

Signature

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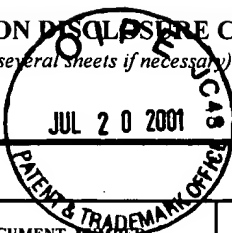
Dated: **July 18, 2001**

CC:

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JUL 20 2001



Docket Number (Optional)

PU0124

Application Number

09/863,786

Applicant(s)

R. Palmgren, et al.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	5,821,063	13-Oct-98	Patterson, et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	B1	WO 00/43792	27-Jul-00	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C1	Spengler, B., et al. "Peptide Sequencing of Charged Derivatives by Postsource Decay MALDI Mass Spectrometry" International Journal of Mass Spectrometry and Ion Processes 169/170 (1997) pages 127-140.
C2	Keough, T., et al. "A Method for High-Sensitivity Peptide Sequencing Using Postsource Decay Matrix-Assisted Laser Desorption Ionization Mass Spectrometry" Proc. Natl. Acad. Sci. USA volume 96, June 1999, pages 7131-7136.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C3

Keough, T., et al. "Tandem Mass Spectrometry Methods for Definitive Protein Identification in Proteomics Research" Electrophoresis, 2000, volume 21, pages 2252-2265.

C4

Keough, T., et al. "Derivatization Procedures to Facilitate *De Novo* Sequencing of Lysine-Terminated Tryptic Peptides Using Postsource Decay Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry" Rapid Communications in Mass Spectrometry, volume 14, 2000, pages 2348-2356.

C5

Lacey, M. P., et al. "Improved Derivatization Chemistry Enabling *De Novo* Sequencing of Lysine-Terminated Tryptic Peptides Using Postsource Decay of MALDI MS" Poster, The Procter and Gamble Company

EXAMINER

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